

Human Carcinoembryonic antigen related cell adhesion molecule 6 (CEACAM6) ELISA Kit | CEACAM6 elisa kit

Human Carcinoembryonic antigen related cell adhesion molecule 6 (CEACAM6) ELISA Kit

CATALOG # AAA27082	REACTIVITY Human
------------------------------	----------------------------

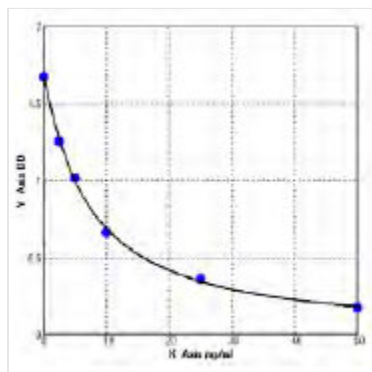
PRODUCT SYNONYMS

Carcinoembryonic antigen related cell adhesion molecule 6 (CEACAM6); Human Carcinoembryonic antigen related cell adhesion molecule 6 (CEACAM6) ELISA Kit; CEACAM6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CEACAM6. No significant cross-reactivity or interference between CEACAM6 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CEACAM6 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEACAM6 elisa kit	Intended Uses: This CEACAM6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CEACAM6. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CEACAM6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CEACAM6 antibody and an CEACAM6-HRP conjugate. The assay sample and buffer are incubated together with CEACAM6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CEACAM6 concentration since CEACAM6 from samples and CEACAM6-HRP conjugate compete for the anti-CEACAM6 antibody binding site. Since the number of sites is limited, as more sites are occupied by CEACAM6 from the sample, fewer sites are left to bind CEACAM6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CEACAM6 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CEACAM6 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	612407822
NCBI GeneID	4680
NCBI Accession #	NP_002474.4
NCBI GenBank Nucleotide #	NM_002483.6
Molecular Weight	37,195 Da
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 6 preproprotein
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)
NCBI Official Symbol	CEACAM6
NCBI Official Synonym Symbols	NCA; CEAL; CD66c
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6; normal cross-reacting antigen; Cluster of Differentiation 66c
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Gene Name	CEACAM6
UniProt Synonym Gene Names	NCA
UniProt Entry Name	CEAM6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/carcinoembryonic-antigen-related-cell-adhesion-molecule-6-ceacam6/27082>